NITFS
Compliance Registration

Product: SOCET GXP Version 2.0.1.20051111 1A Advanced Bundle (UNIX) With NTM module U2.4 and RULER, Version 12.0

Sponsor: BAE Systems National Security Solutions

Developer: BAE Systems National Security Solutions

Date: 06 April 2006
Expiration: 05 April 2008
Registration #: 2040

- ☑ Initial Registration
- ☐ Supplemental/Update #
- ☐ Derived from Reg. #

☐ **System** N-0105/98, §4.1.1

☑ **Product** N-0105/98, §4.1.2

☐ **Component** N-0105/98, §4.1.3

** NITF 2.0 feature
* NITF 2.1 feature

Complexity Level

NITF 2.1 CLEVEL

	3	5	6	7
Interpret				
Generate				

NITF 2.0 CLEVEL

	1	2	3	4	5	6	Oth
Interpret							
Generate							

Configurations Tested:
- Sun Blade 2000/2500
  - SOLARIS 8, 9 and 10
  - 1 Open GL-based graphics card per head

NITFS Features Implemented:

Format
NITF
- ◐ ● v2.1
- ◐ ● v2.0
- ○   v1.1
NSIF
- ◐ ● v1.0

Pixel Value Types
- ◐ ○ Boolean
- ◐ ● Integer
- ◐ ○ Signed Integer *
- ◐ ○ IEEE Real *
- ○ ○ IEEE Complex *

Annotation Segment Types
- ◐ ○ Bit Mapped **
- ◐ ◉ CGM, 2301
- ◉ ◉ CGM, 2301A
- ◐ ○ Labels **

Text Segments
- ◐ ● STA
- ◐ ○ UT1
- ○ ○ U8S
- ◉ ○ MTF

Image Segment Types
- ◐ ● MONO
- ◐ ● RGB
- ◐ ○ RGB/LUT
- ◐ ● YCbCr
- ◉ ○ MULTI
- ○ ○ NODISPLY
- ○ ○ POLAR

Image Compression
- ◐ ● Not Compressed
- ◐ ● JPEG Lossy, 8-bit
- ◐ ● JPEG Lossy, 12-bit
- ◐ ○ JPEG Downsample
- ◐ ○ JPEG Lossless
- ◉ ○ JPEG 2000
- ◐ ○ Bi-Level
- ◐ ○ Vector Quantization
- ◐ ○ Multiband JPEG, Individual Band

Data Extension Segments
- ◐ ○ TRE_OVERFLOW
- ○ ○ STREAMING_FILE_HEADER
- ◉ ○ Controlled Extensions **
- ○ ○ Registered Extensions **

Tagged Record Extensions
- ◐ ● - PIAE
- ◐ ● - NSDE
- ◐ ● - ICHIPB
- ◉ ○ - IOMAPA
- ◐ ● - NBLOCA
- ◐ ○ - RPC00B
- ◉ ○ - USE00A
- ◉ ○ - STDIDC
- ◉ ◉ - HISTOA
- ◉ ◉ - J2KLRA

- ● Fully implemented
- ◉ Partially implemented
- ○ Not implemented

Registration does not guarantee that a product will meet all users' requirements. Potential users should evaluate the detailed test results to determine the suitability of a product for the intended use. Optional NITFS features may not be implemented.

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